**Write each sum or difference in standard form, then name the polynomial by degree and number of terms.**

1. 

2. 

**Evaluate each polynomial expression for the indicated value of x.**

3.  for x=-2

4. for x=3

**Sketch the graph of each function. Find any local maxima or minima to the nearest tenth. Find the intervals over which the function is increasing and decreasing and describe the end behavior.**

5. 

6. 